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|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>NATIONAL PHASE<br/>UTILITY APPLICATION</b></p> <p><b>Transmittal to the (DO/EO/US)<br/>Under 35 USC 371</b></p> | <p>Attorney Docket No.: IP21L10.001APC<br/>     First Named Inventor: John Ross Hawkins<br/>     Int'l Application No.: PCT/GB/2004/005033<br/>     Int'l Filing Date: December 1, 2004<br/>     Priority Date Claimed: December 9, 2003<br/>     Title: GENETIC REFERENCE MATERIALS<br/>     Express Mail Label No.: EV815168295US</p> <p style="text-align: right;"><b>10/582178</b></p> |
| <p><b>Direct all correspondence to Customer No.: 20995</b></p>                                                        |                                                                                                                                                                                                                                                                                                                                                                                            |
| <p>Date: June 8, 2006<br/>Page 1 of 2</p>                                                                             |                                                                                                                                                                                                                                                                                                                                                                                            |

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. John Ross Hawkins

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 6 pages.
- (X) Abstract in 1 page.
- (X) Sequence Submission Statement in 1 page, and
  - (X) Sequence Listing on paper in 2 pages
  - (X) Sequence Listing in CRF
- (X) Cover page of PCT publication WO 2005/056830.
- (X) International Search Report.
- (X) Return prepaid postcard.

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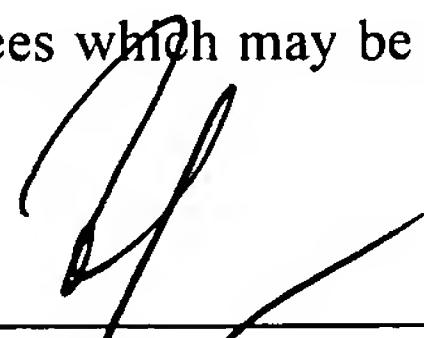
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|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NATIONAL PHASE<br/>UTILITY APPLICATION</b><br><b>Transmittal to the (DO/EO/US)<br/>Under 35 USC 371</b> | Attorney Docket No.: IP21L10_001APC<br>First Named Inventor: Marina L. Gordey<br>Int'l Application No.: PCT/GB/2004/005033<br>Int'l Filing Date: December 1, 2004<br>Priority Date Claimed: December 9, 2003<br>Title: GENETIC REFERENCE MATERIALS<br>Express Mail Label No.: EV815168295US |
| <b>10/20 Rec'd PGV/RIO 08 JUN 2006</b>                                                                     |                                                                                                                                                                                                                                                                                             |
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| Date: June 8, 2006<br>Page 2 of 2                                                                          |                                                                                                                                                                                                                                                                                             |

**FILING FEES:**

| <b>FEE CALCULATION</b>                                              |             |                  |                          |              |
|---------------------------------------------------------------------|-------------|------------------|--------------------------|--------------|
| <b>FEES TYPE &amp; DETERMINATION</b>                                |             | <b>LARGE FEE</b> | <b>CALCULATION</b>       | <b>TOTAL</b> |
| Basic Filing Fee under 1.492(a)                                     |             | 1631 (\$300)     |                          | \$300        |
| Search Fee under 1.492(b) ( <i>enter one in TOTAL column</i> )      |             |                  |                          |              |
| (1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)             |             | 1640 (\$0)       |                          | \$400        |
| (2) USPTO was the ISA (noncompliant claims)                         |             | 1641 (\$100)     |                          |              |
| (3) Foreign Search Report Enclosed                                  |             | 1642 (\$400)     |                          |              |
| (4) No Search Report Enclosed                                       |             | 1632 (\$500)     |                          |              |
| Examination Fee under 1.492(c) ( <i>enter one in TOTAL column</i> ) |             |                  |                          |              |
| (1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)             |             | 1643 (\$0)       |                          | \$200        |
| (2) Non US IPEA or Noncompliant Claims                              |             | 1633 (\$200)     |                          |              |
| Excess Claims                                                       | 11 - 20 = 0 | 1615 (\$50)      | 0 x 50 =                 | \$0          |
| Excess Ind. Claims                                                  | 1 - 3 = 0   | 1614 (\$200)     | 0 x 200 =                | \$0          |
| Multiple Dep. Claim                                                 |             | 1616 (\$360)     |                          | \$0          |
| Application Size Fee                                                | 0 - 100 = 0 | 1681 (\$250)     | 0 x 250 =                | \$0          |
|                                                                     |             |                  | <b>TOTAL FEE<br/>DUE</b> | <b>\$900</b> |
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A check in the amount of \$900 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.




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JAP20 Rec'd PCT/PTO 08 JUN 2006

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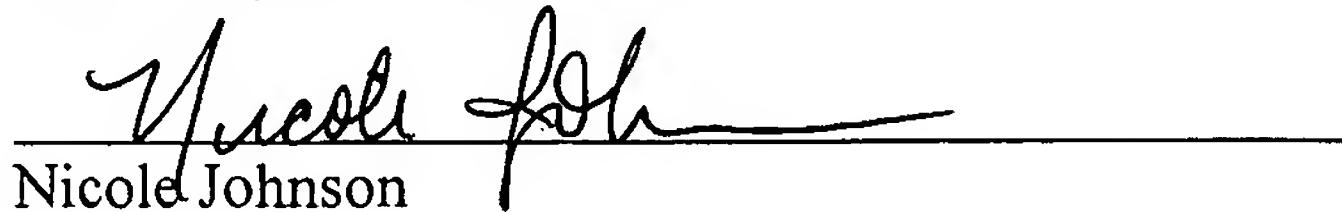
## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

**Attorney Docket No.** : IP2IL10.001APC  
**Applicant(s)** : Hawkins  
**For** : GENETIC REFERENCE MATERIALS  
**Agent** : Marina L. Gordey  
**"Express Mail" Label No.:** EV815168295US  
**Date of Deposit** : June 8, 2006

I hereby certify that the accompanying

Transmittal letter; Preliminary Amendment in 6 pages; Abstract in 1 page; Sequence Submission Statement in 1 page; Paper sequence listing in 2 pages; sequence listing in CRF; cover page of PCT publication WO 2005/056830; International Search Report; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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